

STATE OF SOUTH AUSTRALIA
Rural Production, 1953-54.

This Bulletin repeats, with some minor corrections, the principal statistics relating to cereals and livestock recently published in Bulletins 9 and 12 and gives data concerning other crops, exports, manures used, implements, employment, etc. some items being provisional. Particulars of varieties of wheat, barley and oats were published in Bulletin 10.

In the various tables in this bulletin, production results of the year 1953-54 are compared with the same results of the previous 2 years and of the pre-war year 1938/39. In the text, figures for 1952-53 are shown in parentheses.

I. AREAS UNDER CROP

| Particulars | 1938-39 | 1951-52 | 1952-53 | 1953-54 |
|---------------------------|------------------|------------------|------------------|------------------|
| | Acres | Acres | Acres | Acres |
| Wheat for Grain | 3,080,401 | 1,613,126 | 1,543,762 | 1,528,377 |
| Barley for Grain | 457,039 | 831,613 | 937,521 | 1,121,744 |
| Oats for Grain | 266,842 | 387,377 | 369,350 | 280,244 |
| Rye for Grain | 5,273 | 45,043 | 57,041 | 52,520 |
| Peas - Field | 16,570 | 18,232 | 24,525 | 26,093 |
| Lucerne, Clover etc. Seed | 2,342 | 42,653 | 33,665 | 29,061 |
| Flax | 4 | 1,599 | 1,618 | 2,083 |
| Linseed | - | 4,853 | 3,961 | 70 |
| Hay | 519,309 | 257,005 | 213,852 | 262,006 |
| Green Fodder | 276,021 | 386,940 | 287,332 | 367,934 |
| Vines Wine (b) (c) | 36,457 | 47,539 | 43,898 | 42,750 |
| Drying, Table (b) (c) | 21,563 | 13,675 | 16,705 | 19,371 |
| Orchards (c) | 28,943 | 29,375 | 28,649 | 29,758 |
| Vegetables - Potatoes | 4,290 | 6,971 | 9,231 | 7,023 |
| Other Domestic | 5,446 | 9,421 | 9,080 | 8,036 |
| Nurseries | 177 | 153 | 174 | 118 |
| Chicory | 31 | 68 | 37 | 22 |
| Canary Seed | 3,076 | 10 | 17 | - |
| Other (a) | 306 | 39 | 89 | 90 |
| TOTAL CROPS | 4,724,090 | 3,695,692 | 3,580,507 | 3,777,300 |

- (a) Includes Vegetable Seeds, Herbs, Sunflower, Safflower, Tic Beans, etc.
 (b) According to purpose for which grapes used during year.
 (c) Private orchards and those not now being worked are being omitted as noted. This also applies to Vineyards.

Vegetables for 1953-54 (1952-53) include Green Peas 3,327 (3,828) Turnips and Swedes 295 (350), Carrots 270 (250), Onions 471 (552). Pumpkins, Triambles etc. 483 (664), Tomatoes 641 (880), Cabbages 341 (375) Cauliflowers 493 (445), French Beans 333 (318), Beetroot 135 (145) Lettuce 291 (289), Celery 418 (426), Cucumbers 71 (68), Rhubarb 100 (110) acres.

NUMBERS OF HOLDINGS ON WHICH CROPS GROWN. Cereal Crops of 20 acres or more were counted and there were 8,473 Wheat; 7,627 barley and 3,785 oats. Crops of 1 acre and over were:- 1,211 orchards of citrus fruits; 2,917 orchards of other fruit trees; 3,016 vineyards; 989 crops of potatoes and 191 of onions.

II. LAND UTILIZATION

In addition to the area under crop of 3,777,300 (3,580,507) acres, there were 1,183,084 (1,118,181) acres under fallow, 256,003 (199,838) of lucerne for grazing and 2,181,818 (1,659,682) of clover and grasses other than native grasses.

III. YIELDS OF CROPS

| Particulars | | 1938-39 | 1951-52 | 1952-53 | 1953-54 |
|---------------------|------|------------|------------|------------|------------|
| Wheat | Bush | 31,674,418 | 27,300,839 | 33,918,689 | 30,409,231 |
| Barley | " | 7,541,090 | 16,825,996 | 25,901,684 | 28,491,293 |
| Oats | " | 2,401,128 | 5,404,927 | 6,666,420 | 4,320,758 |
| Rye | " | 18,469 | 206,534 | 408,646 | 324,907 |
| Peas - Field | " | 96,329 | 286,080 | 444,010 | 423,666 |
| Hay | Tons | 585,554 | 379,978 | 317,462 | 369,296 |
| Seeds (Clover etc.) | Cwt. | 2,967 | 43,541 | 32,442 | 30,571 |
| Potatoes | Tons | 18,487 | 43,898 | 43,880 | 45,044 |
| Onions | " | 3,892 | 6,302 | 5,500 | 4,975 |
| Tomatoes | Bush | 226,691 | 337,744 | 371,866 | 339,299 |
| Green Peas | | | | | |
| In Pod | " | 97,918 | 213,012 | 207,600 | 288,623 |
| Canning (Shelled) | lbs. | - | 1,287,862 | 345,299 | 84,356 |
| Carrots | Tons | 1,117 | 3,423 | 2,506 | 3,006 |
| Currants | Cwt. | 191,381 | 94,604 | 145,120 | 126,526 |
| Sultanas | " | 192,926 | 142,281 | 281,780 | 211,525 |
| Raisins | " | 40,212 | 17,703 | 87,940 | 117,505 |
| Apples | Bush | 808,020 | 1,249,816 | 588,621 | 1,380,053 |
| Apricots | " | 343,569 | 507,340 | 531,268 | 700,058 |
| Peaches | " | 149,602 | 157,309 | 223,455 | 317,686 |
| Pears | " | 195,995 | 281,771 | 216,131 | 338,797 |
| Plums, Prunes | " | 134,030 | 129,393 | 94,564 | 155,123 |
| Oranges | " | 815,460 | 856,536 | 998,401 | 1,398,315 |
| Lemons | " | 55,862 | 50,686 | 46,299 | 58,995 |
| Almonds | Cwt | 9,994 | 9,853 | 15,355 | 14,532 |

YIELDS PER ACRE

| | | | | | |
|---------------------|-------|-------|-------|-------|-------|
| Wheat | Bush. | 10.28 | 16.92 | 21.97 | 19.90 |
| Barley | " | 16.50 | 20.23 | 27.63 | 25.40 |
| Oats | " | 9.00 | 13.95 | 18.05 | 15.42 |
| Hay | Tons | 1.13 | 1.48 | 1.48 | 1.41 |
| April-November Rain | Inch | 10.00 | 16.10 | 15.19 | 12.62 |

Other Vegetable Yields for 1953-54 (1952-53) included - Parsnips 886 (754) tons, Swedes and Turnips 1701 (2195) tons; Beetroot 1074 (1124) tons; Pumpkins, Triambles etc. 2705 (3845) tons; French Beans 74161 (65503) bushels; Broad Beans 5780 (5758) bushels, Cauliflowers 165,807 (150776) dozen; Cabbages 183,896 (181,432) dozen, Lettuce 191,388 (163,934) cases, Celery 234,740 (238,861) crates, Silver Beet 14,318 (13,861) dozen bunches; Rhubarb 439 (471) tons, Cucumbers 49,903 (49,099) half cases.

Other Fruit yields for 1953-54 (1952-53) included Cherries 62,503 (47,210), Figs 19,347 (16,276), Nectarines 31,812 (27,982) Grape Fruit 44,629 (38,412) Quinces 14,969 (18,168), Loquats 466 (735) bushels, Walnuts 680 (504) cwts.

Berry Fruits were:- Raspberries 532 (480), Strawberries 890 (629), Other 1,399 (1,040) cwt.

Oranges were specified as Navel 877,756 (629,791), Valencia 448,544 (297,001), Seville and Poorman 6546 (6728), Mandarins 30,369 (29,087) Other seeded types 35,100 (35,794) bushels.

Plums were 61,345 (37,438) and prunes 93,778 (57,126) bushels.

ENSILAGE made 13,755 (11,670) tons.

RECORD yields. Records are as follows:- Wheat 1931-32 48,093,102 bushels; Barley 1953-54 28,491,293 bushels, Oats 1952-53 6,666,420 bushels; Wine 1951-52 25,494,579 gallons; Currants 1943-44 209,140 cwt. Sultanas 1943-44 333,300 cwt.; Raisins 1953-54 117,505 cwt; Apples 1940-41 1,750,000 bushels; Oranges 1953-54 1,398,315 bushels; Pears 1953-54 338,797 bushels; Almonds 1949-50 17,937 cwt.; Apricots 1953-54 700,058 bushels.

IV. OVERSEA EXPORTS (Years ended June)

| Products | | 1938-39 | 1951-52 | 1952-53 | 1953-54 |
|------------------------------------|-------|------------|-------------|-------------|-------------|
| Barley | Bush | 2,248,212 | 10,354,042 | 17,353,862 | 21,633,696 |
| Wheat | Bush | 18,486,303 | 16,522,333 | 12,967,584 | 12,909,232 |
| Flour | Tons | 86,676 | 115,199 | 135,231 | 89,659 |
| Butter | Lb. | 7,385,564 | 969,724 | 1,239,658 | 1,294,608 |
| Cheese | Lb. | 12,907,683 | 9,074,242 | 9,822,505 | 9,183,462 |
| Eggs | £ | 98,911 | 321,745 | 1,090,731 | 1,202,998 |
| Pork, bacon | Lb. | 466,462 | 413,789 | 463,442 | 181,292 |
| Mutton | Carc. | 3,299 | 1,446 | 272,201 | 180,129 |
| Lamb | Carc. | 667,248 | 92,188 | 440,482 | 352,185 |
| Wool (as greasy) | Lb. | 87,272,802 | 108,183,000 | 133,086,717 | 115,077,869 |
| Currants, raisins | lb. | 42,692,777 | 17,421,031 | 38,965,590 | 32,152,192 |
| Tree fruits - fresh, dried etc. | £ | 275,074 | 848,510 | 1,110,255 | 2,827,358 |
| Wine | Gall | 3,440,509 | 989,937 | 998,150 | 1,272,518 |

V. MANURE USED

| Particulars | | 1938-39 | 1951-52 | 1952-53 | 1953-54 |
|----------------------|-------|-----------|-----------|-----------|-----------|
| Crops manured | Acres | 4,281,419 | 3,172,638 | 3,139,239 | 3,336,175 |
| Manure used | Tons | 179,118 | 153,805 | 158,451 | 171,458 |
| Cropped area manured | % | 90.6 | 85.9 | 87.7 | 88.3 |
| Manure per acre | lbs. | 93.7 | 108.6 | 113.1 | 115.1 |
| Pastures manured | Acres | 1,095,120 | 2,150,159 | 2,321,743 | 2,826,074 |
| Manure used | Tons | 56,325 | 116,240 | 125,775 | 153,626 |
| Manure per acre | Lbs. | 115.2 | 121.1 | 121.3 | 121.8 |

The quantity of manure is that used for producing the crops grown in the seasons stated. In connection with top-dressed pastures, it is noted that 256,003 (199,838) acres of lucerne and 2,181,818 (1,659,682) acres of clover and grasses other than native grasses were grazed during the year, apart from lucerne, clover, etc. harvested for seed or hay.

Particulars of fertilisers used for 1953-54 were:-

| | Area Manured | Super- phosphate | Other Fertilisers | Total per acre |
|--------------------|-----------------|---------------------|----------------------|-------------------|
| | Acres | Tons | Tons | Lbs. |
| Wheat for Grain | 1,475,436 | 70,032 | 241 | 106.7 |
| Other Cereals, Hay | 1,769,799 | 83,898 | 193 | 106.4 |
| Vegetables | 11,694 | 2,307 | 3,262 | 106.7 |
| Fruits, Vines | 53,744 | 4,035 | 6,160 | 424.9 |
| Other Crops | 25,502 | 1,302 | 28 | 116.8 |
| Total Crops | 3,336,175 | 161,574 | 9,884 | 115.1 |
| Pastures | 2,826,074 | 153,162 | 464 | 121.8 |
| GRAND TOTAL | 6,162,249 | 314,736 | 10,348 | 118.2 |

Of the superphosphate used, 5,155 tons with trace elements were used on crops and 9,632 tons on pastures.

VI. LIVESTOCK ETC.

| Particulars | | 1938-39 | 1951-52 | 1952-53 | 1953-54 |
|-----------------|------|------------|------------|------------|------------|
| Sheep | No. | 9,936,586 | 11,470,088 | 12,036,514 | 11,838,244 |
| Cattle - | | | | | |
| Dairy Cows | " | 165,110 | 176,455 | 183,032 | 188,438 |
| Other | " | 153,787 | 261,013 | 299,546 | 302,507 |
| Horses | " | 195,834 | 63,285 | 57,354 | 51,807 |
| Pigs | " | 71,292 | 64,903 | 58,657 | 60,619 |
| Ewes Mated | " | 4,202,848 | 4,543,285 | 4,988,882 | 4,965,748 |
| Lambs Marked | " | 3,077,634 | 3,202,656 | 3,806,509 | 3,446,607 |
| Butter Made | Lbs | 20,716,584 | 18,213,439 | 17,880,959 | 17,600,000 |
| Cheese Made | " | 18,457,598 | 23,776,697 | 23,416,410 | 26,000,000 |
| Milk Production | Gall | 72,500,000 | 86,500,000 | 84,250,000 | 85,500,000 |
| Bacon and Ham | Lbs | 5,987,363 | 6,649,611 | 6,870,203 | 6,450,000 |
| Slaughtering | | 1938a | 1951a | 1952a | 1954b |
| Sheep, Lambs | No. | 1,588,507 | 1,546,508 | 2,352,765 | 2,637,242 |
| Cattle, Calves | " | 167,451 | 215,665 | 186,685 | 219,853 |
| Pigs | " | 150,369 | 113,601 | 113,734 | 104,302 |

a. For year ended December 31st. b. For year ending June 30th.

VII. MACHINERY, IMPLEMENTS

| | | 1938-39 | 1951-52 | 1952-53 | 1953-54 |
|--|-----|---------|---------|---------|---------|
| Tractors | No. | 5,969 | 18,184 | 19,750 | 20,742 |
| Engines (stationary) | " | 16,841 | 25,872 | 27,686 | 27,695 |
| Rotary Hoes | " | 531 b | 1,550 | 1,856 | 2,230 |
| Potato Diggers | " | N.A. | 463 | 525 | 561 |
| Hay Pressers and Balers | " | 275 a | 1,164 | 1,535 | 1,873 |
| Spraying Plants (power driven) | " | N.A. | 2,004 | 2,558 | 3,082 |
| Electric Motors ($\frac{1}{2}$ H.P. & over) | " | N.A. | 6,140 | 6,899 | 7,635 |
| Milking Machines | " | 684 | 4,909 | 5,418 | 5,876 |
| Shearing Machines | " | 2,976 a | 9,054 | 9,733 | 10,302 |
| Fertiliser Distributors | " | N.A. | 4,588 | 5,090 | 5,423 |
| Seed Planters | " | N.A. | 1,766 | 2,129 | 1,990 |
| Windmills (for water only) | " | N.A. | 27,762 | 28,438 | 29,246 |
| Mowers | " | N.A. | N.A. | 5,864 | 6,660 |

a. 1942-43 b. 1943-44.

Increases are noted in power machinery such as tractors, engines, milking machines, shearing machines, rotary hoes etc. but the decrease in crop areas was reflected in decreases in drills, ploughs, binders, headers, etc. when last collected in 1949-50.

Details for 1953-54 were as follows:-

Tractors. Crawler or track type 2,514. Wheeled type 18,228, Hay Presses and balers were:- Stationary 861, Pick-up 1,012. Milking Machines. Unit size 1, - 1,154; 2, - 2,912; 3 - 1,057; 4 - 534; 5 - 103; 6 - 101; Other - 15. Total Units 13,534. Shearing Machines as per number of stands 1, - 3,852; 2, - 5,120; 3, - 853; 4, - 257; 5 - 84; 6 - 61; Other - 75, Total Stands 19,178.

VIII. PERSONS ENGAGED PERMANENTLY

| Particulars | | 1938-39 | 1951-52 | 1952-53 | 1953-54 |
|-------------|-----|---------|---------|---------|---------|
| Males | No. | 41,421 | 37,363 | 38,264 | 37,817 |
| Females | No. | 2,942 | 4,699 | 4,955 | 5,565 |
| Persons | No. | 44,363 | 42,062 | 43,219 | 43,382 |

Particulars have been collected under the following headings.

| | | Occupiers, Lessees, etc. | | Unpaid Relatives | | Paid Employees | |
|---------|-----|-----------------------------|--------|---------------------|-------|-------------------|-------|
| | | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 |
| Males | No. | 27,435 | 27,335 | 1,688 | 1,413 | 9,141 | 9,069 |
| Females | " | 3,204 | 3,705 | 825 | 974 | 926 | 886 |

Wages and Salaries (including Value of Keep) 1953-54 (1952-53).
 To Permanent Workers, Males £5,017,617 (£4,759,353). Females £233,878 (£224,414). To Temporary Workers, Males £3,590,924 (£3,084,007), Females £213,295 (£172,483).

IX BEEKEEPING

Allowing for varying good and bad seasons (usually alternating) it can be said that the production of honey and beeswax in recent years has been considerably greater than 10 years previously. During 1948-49 there was the record production of 10,906,372 lbs. of honey and of 140,384 lbs. of beeswax. For 1953-54 (1952-53) there were 6,377,785 (7,656,393) lbs. of honey and 78,455 (102,733) lbs. of beeswax. There were 1,178 (1,180) beekeepers with 74,456 (76,094) productive and 17,754 (14,952) unproductive hives. The number of beekeepers remains fairly constant.

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 GOVERNMENT STATIST.

Statistical Office,
 ADELAIDE.
 7th October, 1954.